

EPONE Engineering Plastics

National innovation fund project enterprise

ISO9001:2008 certificated

ISO/TS16949 certificated

ZGDBGLD PA66X-NNC101

产品定义: PA66

产品特点: 尼龙 66, 本色料, 熔体强度高且稳定, 有利于注塑或挤出成型。

产品应用: 汽车、机械等用挤出成型直管或异型管。

ZGDBGLD PA66X-NNC101 is a very high molecular weight grade developed to provide high and controlled melt strength. It is available in natural color. The high viscosity allows for a very stable and easily controlled melt extrusion.

Product applications: straight pipes / irregular pipes in automotive & mechanical industry, which are processed by extrusion.

典型成型条件

typical molding process

干燥

dry

鼓风烘箱(drum wind oven): 100-120°C, 4-6h ;

热风循环(cycling warm air): 100-120°C, 4-6h ;

真空烘箱(vacuum drying oven): 90-100°C, 3-4h

加工温度

processing temperature

入料段(feed section): 240-260°C;

熔融段(compressing section): 250-275°C;

射嘴段(metering section): 240-270°C

背压

back pressure

NA

注射压力

injection pressure

NA

保压压力

packing pressure

NA

模具温度

mold temperature

NA

后处理

post treatment

NA

其它

others

NA

以上数据仅供参考

All the information provided by EPONE only for reference

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For more information, please refer to <http://www.epone.com.cn>

产品性能参数

product performance parameters

性能 (properties)	测试标准 (test standard)	单位 (unit)	数据 (test result)
物理性能 (physical properties)			
密度 density	ISO 1183	g/cm ³	1.14
熔点 melting temperature	ISO 11357	°C	260
吸湿性 absorption of moisture			
24 hours in 23°C water	ISO 62	%	1.2
成型收缩率 molding shrinkage			
纵向 normal	ISO 25557/1	%	1.37
横向 parallel	ISO 25557/1	%	1.29
机械性能 (mechanical properties)			
冲击 impact strength			
无缺口冲击强度 non-notched	ISO 179	kJ/M ²	NB
缺口冲击强度 notched	ISO 180	kJ/M ²	7.0
拉伸 tensile			
断裂强度 tensile strength	ISO 527-2	MPa	78
断裂伸长率 elongation at break	ISO 527-2	%	250
弯曲 flexural			
断裂强度 flexural strength	ISO 178	MPa	110
弯曲弹性模量 flexural modulus	ISO 178	MPa	3000
硬度 hardness			
洛氏硬度 rockwell hardness	ISO 2039-2	R	120
电气性能 (electrical properties)			
体积电阻率 volume resistivity	IEC 60093	Ω .cm	10 ¹⁵
表面电阻率 surface resistivity	IEC 60093	Ω	10 ¹³
介电强度 dielectric strength	IEC 60243	kV/mm	15
燃烧性能 (flammability properties)			
阻燃 flame retardant	UL 94	—	HB
氧指数 oxygen index	ISO4589	%	30

除特别说明外，以上数据均指在环境相对湿度 (RH) =0 及 23°C 条件下测得
以上数据为典型值，仅供参考，不作质量保证之承诺。

All the data above was measured at 23°C and RH=0 unless otherwise stated, all is typical data , only for reference, not the permit of quality assurance.

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